

III. REMARKS

1. Claims 1, 8, 10 and 19 are amended. Claims 7, 9, 18 and 20 are cancelled without prejudice.

2. Claims 1-20 are not anticipated by Ford (EP 475 705 A2) under 35 U.S.C. §102(b).

Claim 1 is directed to tuning a complex filter. This is not disclosed or suggested by Ford. Ford discloses that the digitized IF signal can be converted to a complex signal in the DSP using a digital Hilbert transform (Col. 7, lines 6-12). Thus, the filters 22 and the IF filter 25 are normal filters, not complex filters.

Additionally, claim 1 recites that the strength of the output signal is measured without converting the signal into another frequency before the measurement. This is not disclosed or suggested by Ford. Ford mixes the output signal of the tunable filter with a local oscillator signal, and the mixer is required. Applicant's invention, as recited in claim 1 does not require a mixer for tuning. In Applicant's invention the tuning is only made by means of an IF/LF filter after the mixer. In Ford, the tuning is made for the RF filter before the mixer, right after the antenna.

Ford also counts the frequency, see e.g. claim 1. In Applicant's invention the filter reference frequency (ref. 1 and ref. Q) is known from the main clock and does not need to be counted.

Additionally, Ford deals with a radio receiver. This is different than Applicant's invention because Applicant's invention also encompasses the transmitter part, i.e. the

whole transceiver in part because a mixer is not needed for tuning (low-frequency signal/filter).

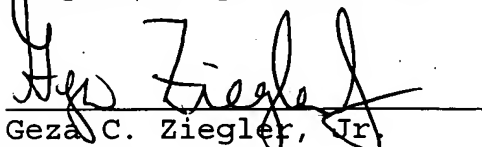
Since Ford does not disclose or suggest at least these features of Applicant's invention, Ford cannot anticipate Applicant's invention according to claim 1. Claims 8, 10 and 19 are also not anticipated for similar reasons.

Claims 2-6, 9 and 11-17 should be allowable at least by reason of their respective dependencies.

For all of the foregoing reasons, it is respectfully submitted that all of the claims now present in the application are clearly novel and patentable over the prior art of record, and are in proper form for allowance. Accordingly, favorable reconsideration and allowance is respectfully requested. Should any unresolved issues remain, the Examiner is invited to call Applicants' attorney at the telephone number indicated below.

The Commissioner is hereby authorized to charge payment for any fees associated with this communication or credit any over payment to Deposit Account No. 16-1350.

Respectfully submitted,


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